

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In the **PATENT APPLICATION** of:

Steven Jeffrey Goldberg

Application No.: 10/656,495

Confirmation No.: 8356

Filed: September 5, 2003

For: VERTICAL DYNAMIC BEAM-FORMING

Group: 2617

Examiner: Khai Minh Nguyen

Our File: I-2-0397.1US

Date: March 29, 2007

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

04/03/2007 HDEHESS2 00000080 090435 10656495
04 FC:1806 180.00 DA

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed Form PTO-1449.

The listed references include references previously cited in this application. Newly cited documents are indicated by an asterisk (*) on the enclosed Form PTO-1449. Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the newly cited U.S. publications and/or patent documents have not been included.

Pursuant to 37 C.F.R. § 1.97(e)(2), the undersigned certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counter part foreign application, and, to the knowledge of the person signing the certification, after making reasonable

inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

This Information Disclosure Statement is being filed with the fee required by 37 C.F.R. § 1.17(p).

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating his consideration of the cited materials.

Respectfully submitted,

Steven Jeffrey Goldberg

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JPG/ci
Enclosures



Sheet 1 of 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0397.1US	SERIAL NO. 10/656,495
	APPLICANT Steven Jeffrey Goldberg	
	FILING DATE September 5, 2003	GROUP 2617

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,987,454	10/1976	Epis			
		4,249,181	02/1981	Lee			
		5,666,123	09/1997	Chrystie			
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	*	5,887,262	03/1999	Willhoff			
		6,016,123	01/2000	Barton et al.			
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		6,889,061	05/2005	Shapira et al.			
		2001/0051532	12/2001	Voyer			
		2002/0058503	05/2002	Gutowski			
		2002/0065107	05/2002	Harel et al.			
		2002/0098872	07/2002	Judson			
		2004/0005870	01/2004	Yla-Jaaski et al.			
		2004/0063467	04/2004	Shapira et al.			
		2004/0106437	06/2004	Ylitalo			
		2004/0258019	12/2004	Haumont et al.			
		2005/0130693	06/2005	Malladi et al.			

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				APPLICANT Steven Jeffrey Goldberg			
				FILING DATE September 5, 2003		GROUP 2617	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
		02/15326	02/2002	WO			YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		TSG-RAN Meeting #14, Kyoto, Japan, December 11-14, 2001, RP-010834.					
		TSG-RAN Meeting #15, Jeju-do, Korea, March 5-8, 2002. RP-020005.					
		TSG-RAN Meeting #16, Marco Island, FL, USA, June 4-7, 2002, RP-020266.					
		TSG-RAN Working Group 3, Sophia Antipolis, France, June 24-28, 2002, TSGR3#30(02) 1703, Minutes of WG3 Meeting #29, Gyeongju, Korea, May 13-17, 2002.					
		"Control interface for antenna line devices," Antenna Interface Standards Group, Standard No. AISG1: Draft 8, (1 st Public Draft), November 18, 2002, pgs. 1-54.					
		TSG-RAN Meeting #19, Birmingham, United Kingdom, March 11-14, 2003, RP-030022.					
EXAMINER				DATE CONSIDERED			

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